

# Product Datasheet

## Histone H3 [Monomethyl Lys79] Antibody (RM147) NBP2-61531

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-61531****Histone H3 [Monomethyl Lys79] Antibody (RM147)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM147
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS, 1% BSA
<b>Target Molecular Weight</b>	15 kDa

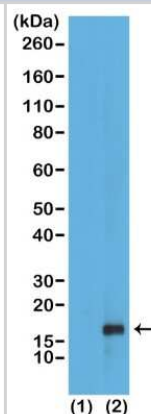
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Histone H3 [Monomethyl Lys79] Antibody (RM147) (NBP2-61531) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	126961
<b>Gene Symbol</b>	H3C14
<b>Species</b>	Human, Vertebrate
<b>Specificity/Sensitivity</b>	This Histone H3 [Monomethyl Lys79] antibody (RM147) reacts to Histone H3 monomethylated at Lysine 79. No cross reactivity with dimethylated Lysine 79 or trimethylated Lysine 79, or other methylations in histone H3.
<b>Immunogen</b>	This Histone H3 [Monomethyl Lys79] antibody (RM147) was raised against a monomethyl-peptide corresponding to Histone H3 [Monomethyl Lys79]

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 0.2 ug/ml - 1 ug/ml, ELISA 0.2 ug/mL - 1 ug/mL, Chromatin Immunoprecipitation (ChIP) 2 ug/mL- 10 ug/mL, Multiplex Immunofluorescence

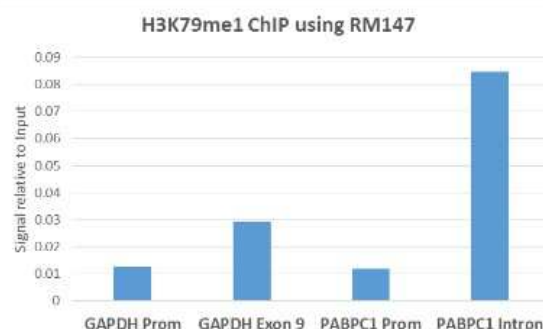


## Images

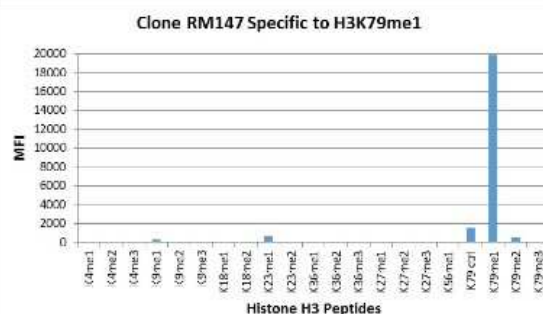
Western Blot: Histone H3 [Monomethyl Lys79] Antibody (RM147) [NBP2-61531] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61531 at 1 ug/ml. Observed molecular weight is ~17 kDa.



Chromatin Immunoprecipitation: Histone H3 [Monomethyl Lys79] Antibody (RM147) [NBP2-61531] - ChIP performed on HeLa cells using H3K79me1 antibody (NBP2-61531). Real-time PCR was performed using primers specific to the gene indicated.



Multiplex Immunoassay: Histone H3 [Monomethyl Lys79] Antibody (RM147) [NBP2-61531] - NBP2-61531 specifically reacts to Histone H3 monomethylated at Lysine 79 (K79me1). No cross reactivity with dimethylated Lysine 79 (K79me2) or trimethylated Lysine 79 (K79me3), or other methylations in histone H3.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-61531**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1001PEP	Histone H3 [Monomethyl Arg2] Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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